PAPER 5

PHILOSOPHY OF PARTICLE PHYSICS

M L G REDHEAD

READING LIST

M.L.G. Redhead
'Some Philosophical Aspects of Particle Physics',
Studies in History and Philosophy of Science,
11, pp.145-163, 1980
279-304

'Quantum Field Theory for Philosphers'. in P.D. Asquith and J. Nickles (eds.): Proceedings of the 1982 Biennial Meeting of the Philosophy of Science Association, Vol.2, pp.57-99, 1983.

'A Philosopher Looks at Quantum Field Theory', in H.R. Brown and R. Harré (eds.): Philosophical Foundations of Quantum Field Theory. pp.9-23, Oxford University Press, 1988.

S. French and M.L.G. Redhead: 'Quantum Physics and the Identity of Indiscernibles', The British Journal for the Philosophy of Science, 39, pp.233-246, 1988.

M.L.G. Redhead and P. Teller:
'Particles, Particle Labels and Quanta: The Toll of Unacknowledged Metaphysics', Foundations of Physics, 21, 43-62, 1991.

P. Teller: An Interpretative Introduction to Quantum Field Theory 1995

S. Auyang: How is Quantum Field Theory Possible? 1995

M. Redhead: 'More Ado About Nothing', Foundations of Physics, 25, pp.123-137, 1995